



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): Ningning Miao, Monica Wang, Nagesh Mahanthappa, and Kevin Pang

Atty. Docket No. ONV-044.01

Serial No: 08/900,220

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For: *METHOD OF TREATING DOPAMINERGIC AND GABA-NERGIC DISORDERS*

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By:

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PRELIMINARY AMENDMENT

Dear Sir/Madam:

Please amend the subject application as follows:

❖ In the specification:

Please amend the specification by adding substitute pages 76-117 which are enclosed herewith, and renumber the following pages containing the claims and abstract accordingly.

❖ In the claims:

[40]28. A method for limiting damage to neuronal cells by Parkinsonian conditions, comprising administering to a patient a gene activation construct which recombines with a genomic *hedgehog* gene of the patient to provide a heterologous transcriptional regulatory sequence operatively linked to a coding sequence of the *hedgehog* gene.

[41]29. An isolated and/or recombinantly produced polypeptide comprising an amino acid sequence which is at least 95 percent identical to a sequence represented by SEQ ID. NO. 16 or 17, or a bioactive extracellular fragment thereof.

[42]30. An isolated and/or recombinantly produced polypeptide encoded by a nucleic acid which hybridizes under stringent conditions to a sequence selected from the group consisting of SEQ ID. NO. 16 and SEQ ID. NO. 17.

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